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**AUG 23 2004**

DIRECTOR OFFICE  
TECHNOLOGY CENTER 2600

SHOOK, HARDY & BACON L.L.P.  
CHASE TOWER, SUITE 1600  
600 TRAVIS STREET  
HOUSTON TX 77002-2911

In Re Application of  
Yin L. Cheung, et al.  
Application Serial No. 10/806,980  
Filed: March 22, 2004  
For: **SYSTEM AND METHOD FOR ANALYZING  
AND IMAGING THREE-DIMENSIONAL VOLUME  
DATA SETS USING A THREE-DIMENSIONAL  
SAMPLING PROBE**

**DECISION ON PETITION  
TO ACCEPT COLOR  
DRAWINGS**

This is a decision on the petition under 37 C.F.R. § 1.84(a)(2), filed March 23, 2004, requesting acceptance of color drawings and color photographs.

The petition requests that the color drawings, noted as figures 15 and 16 be accepted in lieu of black and white drawings.

A grantable petition under 37 C.F.R. § 1.84(a)(2) must be accompanied by a fee set forth under 37 C.F.R. § 1.17(h), three (3) sets of the color drawings in question, a black and white photocopy of said drawings, and the specification must contain, or be amended to contain, the following language as the first paragraph in that portion of the specification relating to the brief description of the drawings:

*" The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee."*

Petitioner has met the requirements set forth above. Accordingly, the petition is **Granted**.

Dwayne D. Bost  
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DIMENSIONAL VOLUME DATA SETS  
USING A THREE-DIMENSIONAL  
SAMPLING PROBE**

DECISION ON PETITION  
TO MAKE SPECIAL

This is a decision on the petition to make special filed March 22, 2004 pursuant to 37 C.F.R. §102(c) and M.P.E.P. § 708.02(VI): Energy.

A grantable petition under 37 C.F.R. §1.102(c), and M.P.E.P. §708.02, Section VI, must be accompanied by a showing that the application is for an invention which materially contributes to (A) the discovery or development of energy resources, or (B) the more efficient utilization and conservation of energy resources. Examples of inventions in category (A) would be developments in fossil fuels (natural gas, coal, and petroleum), nuclear energy, solar energy, etc. Category (B) would include inventions relating to the reduction of energy consumption in combustion systems, industrial equipment, household appliances etc. Such petitions should be accompanied by statements under 37 C.F.R. § 1.102 by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the invention materially contributes to category (A) or (B) set forth above.

The petitioner has met all the above-listed requirements. Accordingly, the petition is **GRANTED**.

The application will retain its special status throughout its entire prosecution, including any appeal to the Board of Patent Appeals and Interferences, subject only to diligent prosecution by the applicant.

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